Column Arrangement of Numbers

Unless the numbers being entered into the program are of equal length string variables must be used to right justify and to align decimal points.

The following subroutine is an example of one way to accomplish this objective:

```
100 LET f=6
110 PRINT AT 20,0;"Enter the amount."
120 INPUT a$
130 IF a$="0" THEN LET a$="0.00"
140 FOR i= LEN a$-1 TO 0 STEP -1
150 LET b$=a$( TO LEN a$-i)
160 LET c$=a$(LEN a$-1 TO LEN a$)
170 IF c$="." AND i<>2 THEN LET d$=a$(LEN a$-i TO LEN a$):
    LET d= 100*VAL d$:LET d=INT (d+.5)/100:LET a$=b$+STR$ d:
    GOTO 200
180 NEXT i
200 LET c$=a$(LEN a$-2 TO LEN a$-2):IF c$<>"." THEN LET a$=a$+
    "0":GOTO 200
210 IF a$( TO 1)="." THEN LET a$="0"+a$
220 PRINT AT f,20-LEN a$;a$
230 LET f=f+1
240 GOTO 110
```